

Patent Abstracts of Japan

PUBLICATION NUMBER : 11307188
 PUBLICATION DATE : 05-11-99

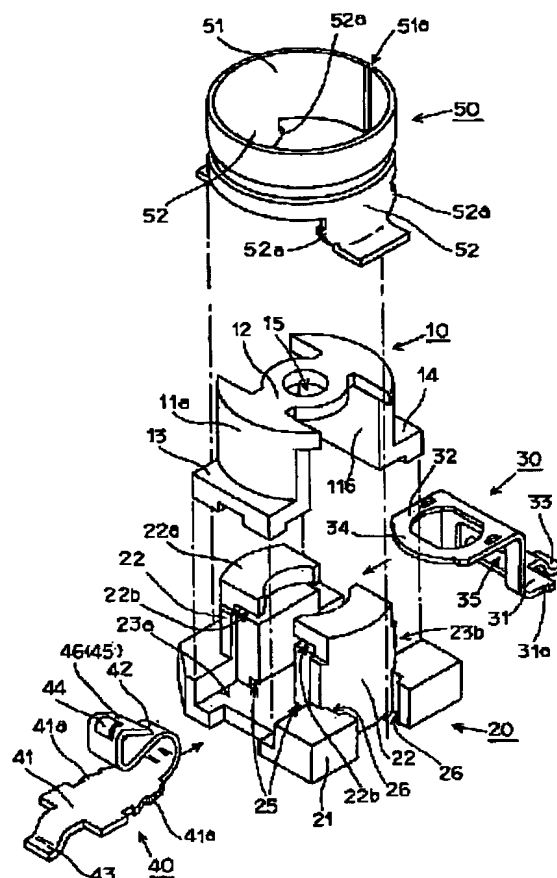
APPLICATION DATE : 21-04-98
 APPLICATION NUMBER : 10110429

APPLICANT : SMK CORP;

INVENTOR : TOGASHI KOJI;

INT.CL. : H01R 17/04 H01R 13/70

TITLE : COAXIAL CONNECTOR WITH SWITCH



ABSTRACT : **PROBLEM TO BE SOLVED:** To provide a coaxial connector capable of being miniaturized more while reducing the thickness dimension thereof and capable of miniaturizing an electronic equipment using this coaxial connector with switch.

SOLUTION: A switch terminal 40 is curved along the longitudinal direction so as to have an S-shaped cross section, and supported at one side thereof like a cantilever in the lateral direction inside of a terminal housing chamber 3. A fixed terminal 30 is supported at the other end of the terminal housing chamber 3, and a movable contact part 44 of the switch terminal 40 is made to elastically contact with a fixed contact part 34 of the fixed terminal 30 extended to the switch terminal 40 side while riding over a plug insertion hole 15. Since the switch terminal 40 can obtain a sufficient spring span in the narrow terminal chamber 3, a coaxial connector with switch can be miniaturized. Furthermore, since the whole length of the fixed terminal 30 can be prolonged, the fixed contact part 34 is not covered with the soldering flux, and generation of contact failure is prevented.

COPYRIGHT: (C)1999,JPO